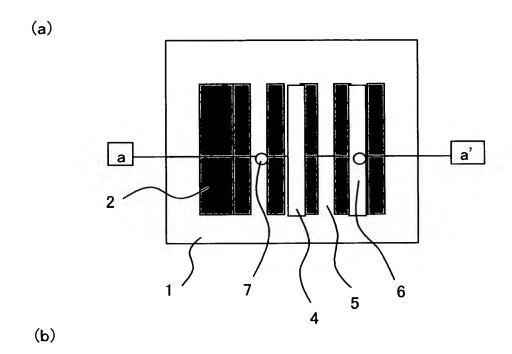
FIG. 1



19 PHASE-180° SHIFTER PORTION LIGHT BEAM INTENSITY 20 PHASE-0° PORTION LIGHT **BEAM INTENSITY** 22 PHASE-0° PORTION DEFECT 21 PHASE-180° SHIFTER PORTION LIGHT BEAM INTENSITY DEFECT LIGHT BEAM INTENSITY REFRECTED LIGHT **BEAM INTENSITY** REFRECTED BEAM **CROSS-SECTIONAL** VIEW AT a-a' 5 PHASE-0° **PORTION** 4 PHASE-180° SHIFTER **PORTION** 4 PHASE-180° **6 PROTRUSION DEFECT** 7 CHIPPING DEFECT SHIFTER PORTION 5 PHASE-0° PORTION



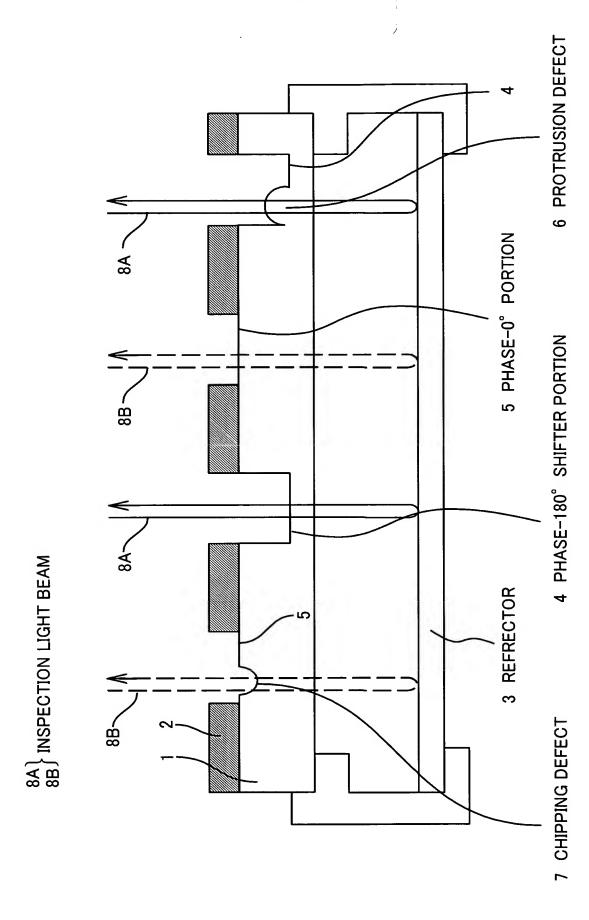


FIG. 3

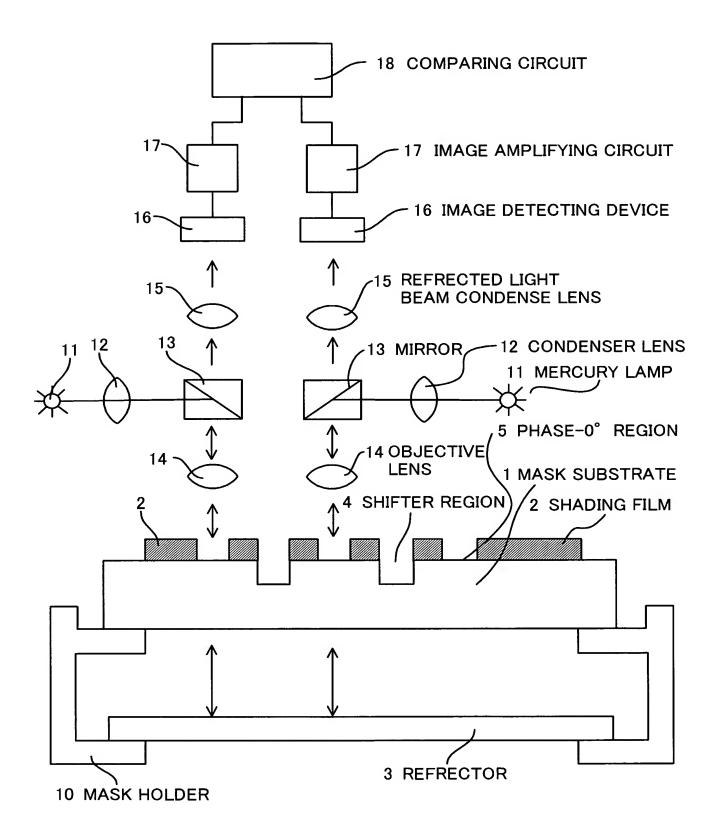
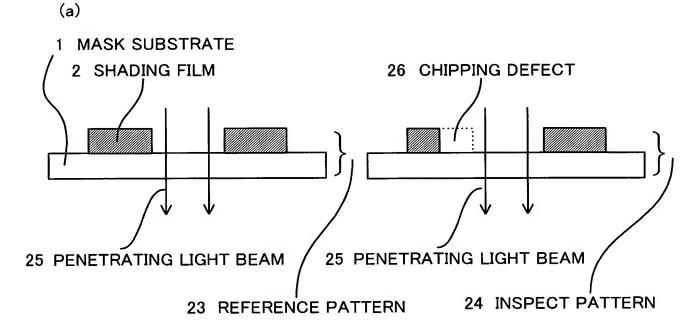
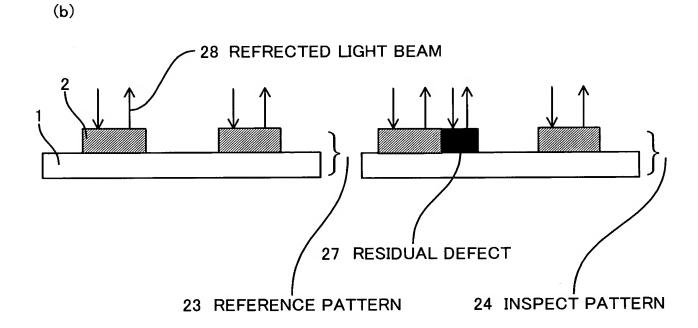


FIG. 4







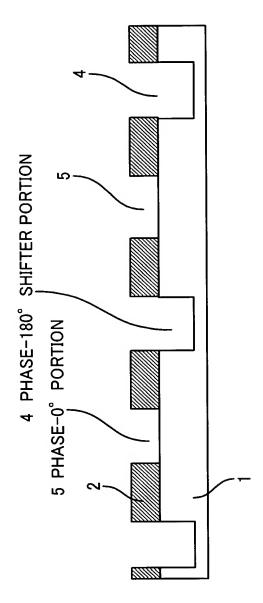
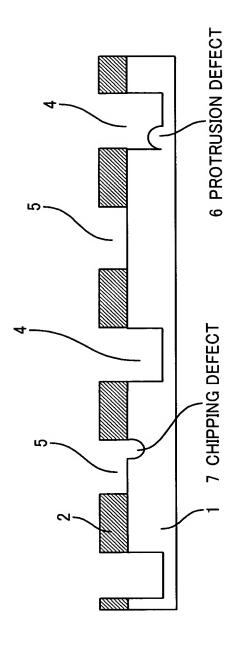


FIG. 5



-1G. 6